INFORMATION SHEET

ORDER NO.
CHINCHIOLO STEMILT CALIFORNIA, LLC/JT INVESTMENTS
FRUIT PROCESSING FACILITY
SAN JOAQUIN COUNTY

Chinchiolo Stemilt California, LLC/JT Investments operates two fruit processing facilities at 4799 N. Jack Tone Road and 4505 N. Jack Tone Road. The facility processes cherries, pears, and apples for fresh fruit packing, on-site cold storage, and shipping. No brining or canning of the fruit is performed on-site. Processing consists of washing, chilling, waxing, and cold storage of the fruit.

The Discharger processes approximately 13,537 tons of apples, 10,943 tons of cherries, and 1,788 tons of pears. (A total of approximately 52.5 million pounds of fruit annually). Chinchiolo Stemilt California LLC processes cherries from April to July and from December to January; Sierra Hills Packing processes pears from July to August, and apples from July through November each year.

Wastewater is generated in cooling, rinsing, washing, sorting, and flume transport of fruit; defrost water is generated during defrost cycles; and rinse water is generated from the apple and pear drencher. Estimated flow rates vary from no flow to 205,000 gallons per day. However, because the Discharger failed to adequately monitor flow rates as required by the existing WDRs, the actual flow rates are unknown.

Wastewater is screened, dechlorinated, and discharged to the collection system that is piped to a wastewater sump where the wastewater is screened again before being discharged into a wastewater pond equipped with aerators. The Discharger plans to construct two lined wastewater storage ponds where the existing pond is located. The ponds will allow storage of wastewater during the wet months or when climatic conditions don't allow wastewater application. Both ponds will be constructed with 60-mil HDPE liners. The wastewater ponds will be constructed to cumulatively provide approximately 8.48 million gallons of storage with two feet of freeboard. Wastewater is currently applied to 8.5-acres of cherry orchards; however the Discharger is developing an additional 10.9-acres of cropped land. Of the total 19.4-acres, 13.8-acres will consist of a cherry orchard and 5.6-acres of presently fallow land will be planted in alfalfa.

The Discharger maintains a chlorine residual concentration of 7 mg/L in water that contacts fruit. Higher concentrations of chlorine (up to 120 mg/L) are maintained in hydrocoolers and cooling towers. Trihalomethane (THM) compounds can be produced when chlorine comes into contact with organic material. The Discharger has recently begun dechlorinating wastewater prior to discharge into the wastewater pond; however, the Discharger will be required to monitor for THMs in groundwater.

Stormwater that falls on paved areas and roofs within the facility is collected and discharged into the stormwater retention pond. Most of the site where processing occurs is covered with concrete and/or asphalt pavement. Collected stormwater evaporates and percolates through the unlined bottom of the pond.

It is anticipated that the cropping activities in the land application area will utilize all the nitrogen applied in the wastewater. Dissolved solids in the wastewater are a concern based on the size of the land application area and cropping activities. Groundwater monitoring is appropriate to ensure that groundwater quality degradation does not take place, as dissolved solids also exist in the supplemental irrigation water and any fertilizer applied to the land application areas.

Solid/semi-solid wastes are generated by the processing operations. Such solid/semi-solid wastes are segregated from the process wastewater stream by screening for separate handling and disposal. Approximately 9,000 pounds of screenings are collected each year. The screenings are hauled to a landfill for disposal.

These WDRs establish wastewater effluent concentration limits, land application area loading limits, and require submittal of a *Stormwater Compliance Report, Sampling and Analysis Plan, Land Application Area Improvement Report, Groundwater Monitoring Well Installation Report, Wastewater Storage and Disposal Contingency Plan, Wastewater Flow Meter Report, Pond Liner System Construction Quality Assurance Plan, Operation and Maintenance Plan, Wastewater Treatment System Construction Report, and a Background Groundwater Quality Study Report.*

Surface water drainage in the area is to the Calaveras River between New Hogan Reservoir and the Sacramento/San Joaquin Delta.

TRO: 6/1/05